Power (Ignition) Switch

Performing the following operations when carrying the electronic key on your person starts the hybrid system or changes "POWER" switch modes.

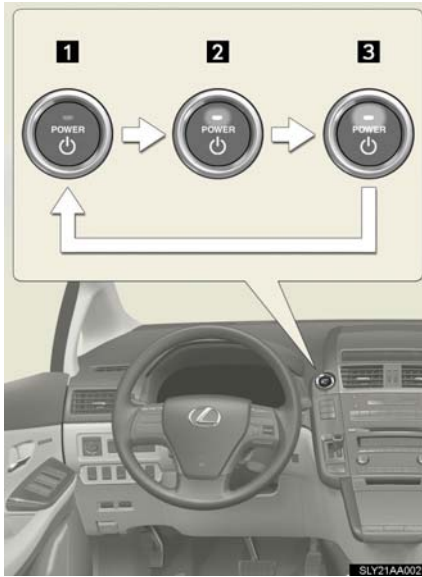
Starting the hybrid system

1. Check that the parking brake is set.
2. Firmly depress the brake pedal.
   The "POWER" switch indicator will turn green. If the indicator does not turn green, the hybrid system cannot be started.
   When shift position N is selected, the hybrid system cannot start. Select the P position when starting the hybrid system. (→P. 20)
3. Press the "POWER" switch.
   After a while, the "READY" indicator comes on with a beep sound.
   The vehicle can move when the "READY" indicator is on even if the engine is stopped.
   Continue depressing the brake pedal until the hybrid system is completely started.
   The hybrid system can be started from any "POWER" switch mode.
4. Check that the "READY" indicator is on.
   The vehicle will not move when the "READY" indicator is off.

Stopping the hybrid system

1. Stop the vehicle by depressing the brake pedal.
2. Set the parking brake.
3. Press the P position switch to shift into P.
   Check that the shift position indicator on the instrument cluster shows P.
4. Press the "POWER" switch.
5. Slowly release the brake pedal and check that the indicator on the "POWER" switch is off.

■ Changing “POWER” switch modes

Modes can be changed by pressing the “POWER” switch with the brake pedal released. (The mode changes each time the switch is pressed.)

1 Off

The emergency flashers can be used.

2 ACCESSORY mode

Some electrical components such as the audio system can be used.

The “POWER” switch indicator turns amber.

3 ON mode

All electrical components can be used.

The “POWER” switch indicator turns amber.

Hybrid transmission

Shifting the shift lever

1 Shift lever
Operate the shift lever gently and ensure correct shifting operation.

When shifting to the D or R positions, move the shift lever along the shift gate.

To shift to the N position, slide the shift lever to the left and hold it. The shift position will change to N.

Shifting to B is only possible when shift position D is selected.

The shift lever will always return to this position after a shifting operation.

When shifting from P to D or R, from D to R, or from R to D, ensure that the brake pedal is being depressed and the vehicle is stationary.

2 Shift position indicator
When selecting the shift position, make sure that the shift position has been changed to the desired position by checking the shift position indicator provided on the instrument panel.
When any shift position other than D or B is selected, the arrow toward B and B position indicator disappear from the shift position indicator.

Shift position purpose

Shift position	Function
P	Parking the vehicle/starting the hybrid system
R	Reversing
N	Neutral
D	Normal driving*
B	Applying moderate engine braking when driving down hills or on steep slopes

*: For good fuel economy and noise reduction, the D position should usually be used.

P position switch

The shift position can be changed to P through use of the P position switch.

Fully stop the vehicle and keep depressing the brake pedal, and then press the P position switch.

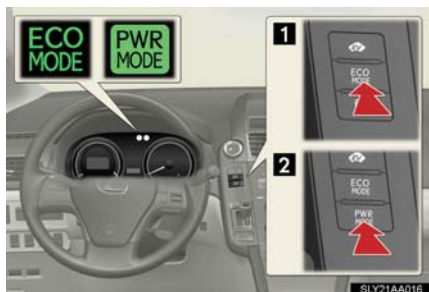
When the shift position is changed to P, the switch indicator comes on.

Check that the P position indicator is illuminated on the shift position indicator.

■ Changing the shift position from P to other positions:

- While depressing the brake pedal firmly, operate the shift lever. If the shift lever is operated without depressing the brake pedal, the buzzer will sound and the shifting operation will be disabled.
- The shift position cannot be changed from P to B directly.

■Selecting a driving mode

The following modes can be selected to suit driving conditions:

1 Eco drive mode

Suitable for improving the fuel economy, because the torque corresponding to the accelerator pedal depression amount can be generated more smoothly than it is in normal conditions and the operation of the air conditioning system (heating/cooling) will be minimized.

When the "ECO MODE" switch is pressed, the "ECO MODE" indicator comes on in the meter.

2 Power mode

Suitable when the vehicle needs to drive powerfully or travels in mountainous areas.

When the "PWR MODE" switch is pressed, the "PWR MODE" indicator comes on in the meter.

■ Using air conditioning in Eco drive mode

The Eco drive mode controls heating/cooling and fan speed operation to improve fuel consumption. When you want to improve the effectiveness of the air conditioning system, adjust the fan speed or cancel the Eco drive mode.

For more information, refer to the "Navigation System Owner's Manual".

■ EV drive mode

In EV drive mode, the electric motor (traction motor), powered by the hybrid battery (traction battery), is used to drive the vehicle.
This mode allows you to drive in residential areas late at night, or in indoor parking lots etc. without concern for noises and exhaust gas emissions.

Turns EV drive mode on/off

When EV drive mode is turned on, the EV drive mode indicator will come on. Pressing the switch when in EV drive mode will return the vehicle to normal driving (using the gasoline engine and electric motor [traction motor]).

■ Situations in which EV drive mode cannot be turned on

It may not be possible to turn EV drive mode on in the following situations. If it cannot be turned on, a buzzer will sound and a message will be shown on the multi-information display.

- Vehicle speed is about 19mph (30km/h) or more.
- The hybrid battery (traction battery) is low.
  In general, the remaining battery level indicated in the "Energy Monitor" display is level 3 or lower.
- The temperature of the hybrid system is high.
  The vehicle has been left in the sun, driven on a hill, driven at high speeds, etc.
- The gasoline engine is warming up.
- The accelerator pedal is depressed firmly or the vehicle is on a hill etc.
- The windshield defogger is in use.

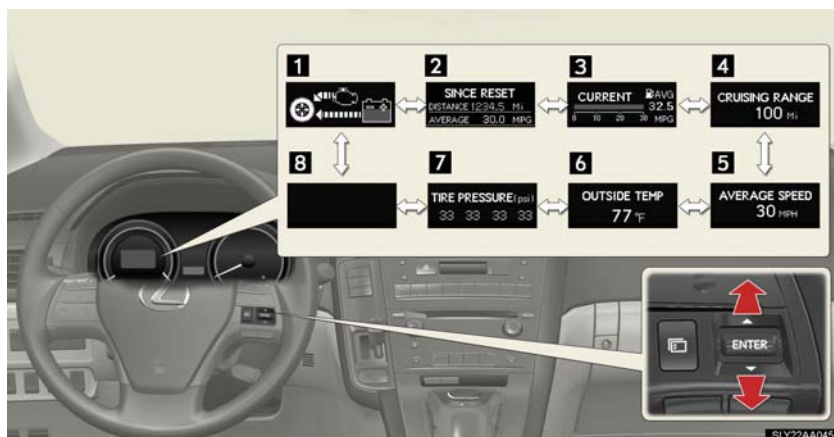
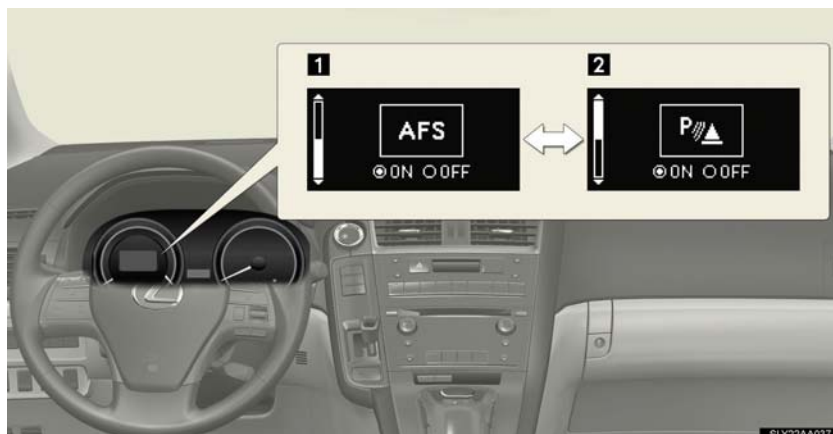
Multi-information Display

The multi-information display presents the driver with a variety of driving-related data including the current outside air temperature.

Multi-information switches

1 Menu switch
Changes modes to electronic feature control mode (if equipped), customization mode or back to normal display mode.

2 "ENTER" switch
Changes trip information items. This switch is also used to turn on/off electronic feature controls and to change customization settings.

Display contents

Trip information contents	Switching display items
1 Energy monitor	Press the "ENTER" switch upward or downward.
2 Total distance/Total average fuel consumption	
3 Current fuel consumption/Average fuel consumption after refueling	
4 Cruising range	
5 Average vehicle speed	
6 Outside temperature	
7 Tire inflation pressure	
8 Blank	

Electronic features control contents	Setting electronic feature controls
1 AFS (if equipped)	→P. 37
2 Intuitive parking assist (if equipped)	Refer to "Navigation System Owner's Manual"

Display order may vary depending on vehicle condition.

Other contents	Details
Customization	Settings of functions such as the door lock and light illumination time can be changed
Dynamic radar cruise control (if equipped)	Automatically displayed when using the dynamic radar cruise control
LKA (Lane-Keeping Assist) (if equipped)	Automatically displayed when using the lane keeping assist
PCS (Pre-Collision System) (if equipped)	Automatically displayed if there is a possibility of collision
Warning message	Automatically displayed when a malfunction occurs in any of the vehicle's systems

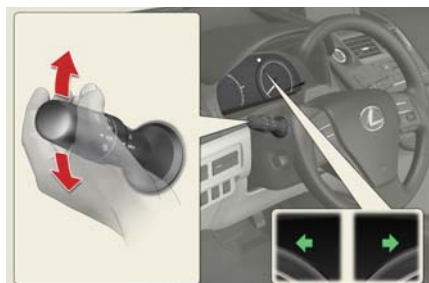
Eco Driving Indicator Light

Eco-friendly driving

During Eco-friendly acceleration (Eco driving), Eco Driving Indicator Light will turn on. When the accelerator pedal is depressed excessively, and when the vehicle is stopped, the light turns off.

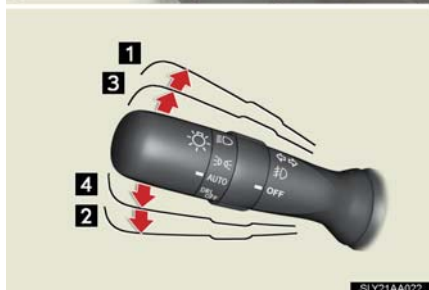
Eco Driving Indicator Light will not operate in the following conditions:

- The shift position is anything other than D.
- The driving mode is set to power mode or EV drive mode. (→P. 21, 22)
- The vehicle speed is approximately 80 mph (130 km/h) or higher.

Turn Signal Lever

1 Right turn

2 Left turn

3 Lane change to the right (push and hold the lever partway)
The right hand signals will flash until you release the lever.

4 Lane change to the left (push and hold the lever partway)
The left hand signals will flash until you release the lever.

Cruise Control (If Equipped)

Use the cruise control to maintain a set speed without depressing the accelerator pedal.

1 Indicators

2 Cruise control switch

Setting the vehicle speed

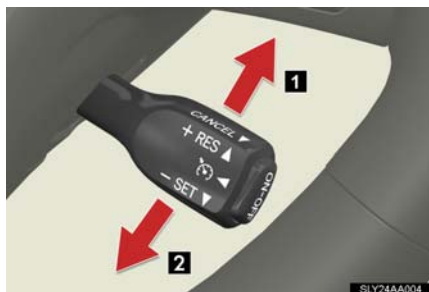
1 Press the “ON-OFF” button to activate the cruise control.

Cruise control indicator will come on. Press the button again to deactivate the cruise control.

2 Accelerate or decelerate the vehicle to the desired speed, and push the lever down to set the speed.

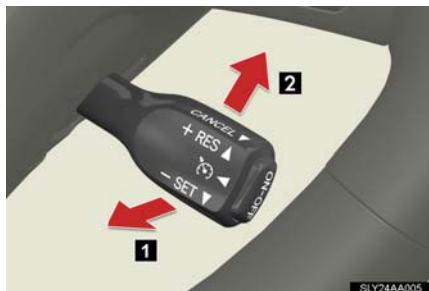
“SET” indicator will come on. The vehicle speed at the moment the lever is released becomes the set speed.

■Adjusting the set speed

To change the set speed, operate the lever until the desired set speed is obtained.

1 Increases the speed

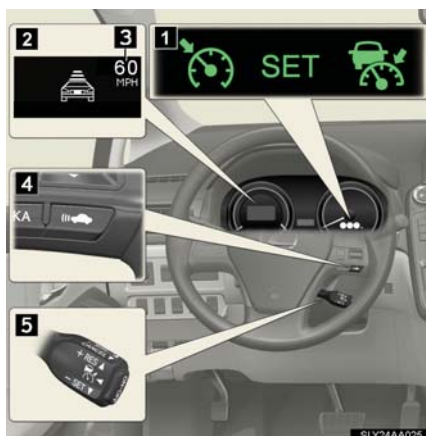
2 Decreases the speed
Fine adjustment: Momentarily move the lever in the desired direction.
Large adjustment: Hold the lever in the desired direction.

The set speed will be increased or decreased as follows:
Fine adjustment: By approximately 1 mph (1.6 km/h) each time the lever is operated
Large adjustment: The set speed can be increased or decreased continually until the lever is released.

■Canceling and resuming the constant speed control

1 Pulling the lever toward you cancels the constant speed control.
The speed setting is also canceled when the brakes are applied.

2 Pushing the lever up resumes the constant speed control.
Resuming is available when the vehicle speed is more than approximately 25 mph (40 km/h).

Dynamic Radar Cruise Control (If Equipped)

Dynamic radar cruise control supplements conventional cruise control with a vehicle-to-vehicle distance control. In vehicle-to-vehicle distance control mode, the vehicle automatically accelerates or decelerates in order to maintain a set following distance from vehicles ahead.

1 Indicators

2 Display

3 Set speed

4 Vehicle-to-vehicle distance button

5 Cruise control switch

■ Setting the vehicle speed (vehicle-to-vehicle distance control mode)

1 Press the “ON-OFF” button to activate the cruise control.

Radar cruise control indicator will come on.

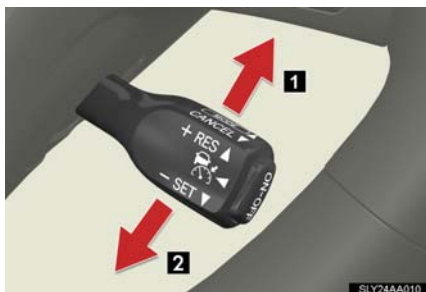
Press the button again to deactivate the cruise control.

2 Accelerate or decelerate the vehicle to the desired speed, and push the lever down to set the speed.

“SET” indicator will come on.

The vehicle speed at the moment the lever is released becomes the set speed.

Adjusting the set speed

To change the set speed, operate the lever until the desired set speed is displayed.

1 Increases the speed

2 Decreases the speed

Fine adjustment: Momentarily move the lever in the desired direction.

Large adjustment: Hold the lever in the desired direction.

In the vehicle-to-vehicle distance control mode, the set speed will be increased or decreased as follows:

▶ **When the set speed is shown in “MPH”**

Fine adjustment: By approximately 1 mph (1.6 km/h) each time the lever is operated

Large adjustment: By approximately 5 mph (8 km/h) for each 0.75 seconds the lever is held

▶ **When the set speed is shown in “km/h”**

Fine adjustment: By approximately 0.6 mph (1 km/h) each time the lever is operated

Large adjustment: By approximately 3.1 mph (5 km/h) for each 0.75 seconds the lever is held

In the constant speed control mode (→P. 31), the set speed will be increased or decreased as follows:

Fine adjustment: By approximately 1 mph (1.6 km/h) each time the lever is operated

Large adjustment: The set speed can be increased or decreased continually until the lever is released.

Changing the vehicle-to-vehicle distance

Pressing the button changes the vehicle-to-vehicle distance as follows:

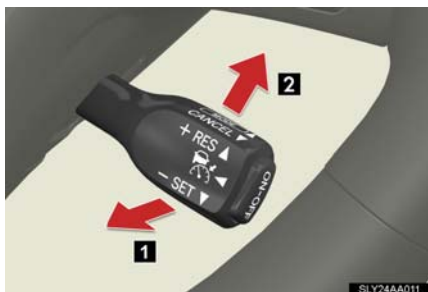
1 Long

2 Medium

3 Short

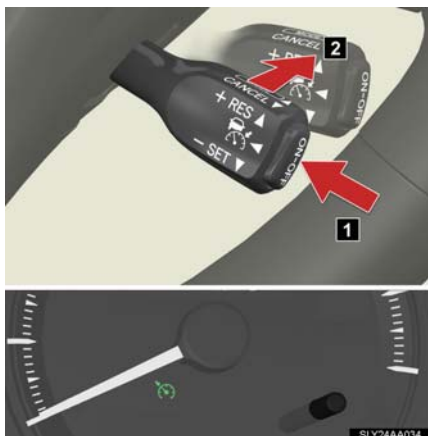
The vehicle-to-vehicle distance is set automatically to long mode when the “POWER” switch is turned to ON mode.

If a vehicle is running ahead of you, the preceding vehicle mark will also be displayed.

■Canceling and resuming the speed control

1 Pulling the lever toward you cancels the cruise control.
The speed setting is also canceled when the brakes are applied.

2 Pushing the lever up resumes the cruise control and returns vehicle speed to the set speed.
Resuming is available when the vehicle speed is more than approximately 25 mph (40 km/h).

■Selecting conventional constant speed control mode

Constant speed control mode differs from vehicle-to-vehicle distance control mode. When constant speed control mode is selected, your vehicle will maintain a set speed regardless of whether or not there are other vehicles in the lane ahead.

1 Press the “ON-OFF” button to activate the cruise control.
Press the button again to deactivate the cruise control.

2 Switch to constant speed control mode. (Push the lever forward and hold for approximately one second.)
Constant speed control mode indicator will come on.
When in constant speed control mode, to return to vehicle-to-vehicle distance control mode, push the lever forward again and hold for approximately 1 second.
After the desired speed has been set, it is not possible to return to vehicle-to-vehicle distance control mode.
If the “POWER” switch is turned off and then turned to ON mode again, the vehicle will automatically return to vehicle-to-vehicle distance control mode.
Adjusting the speed setting:
→P. 30
Canceling and resuming the speed setting: →P. 31

LKA (Lane-Keeping Assist) (If Equipped)

While driving on a freeway or motor highway that has lane markers, this system recognizes the lanes using a camera as a sensor to assist the driver with staying in the lane. The LKA system has two functions.

▶ **Lane departure warning function**

If the system judges that the vehicle may deviate from its lane, it alerts the driver using rapid beeping, indications on the multi-information display, and a sensory warning* given via the steering wheel.

*: A slight steering torque is applied for a short period of time in the direction of the center of the lane.

▶ **Lane keeping assist function**

This function will be active when the vehicle-to-vehicle distance control mode of the cruise control is set with vehicle speed above approx. 45 mph (approx. 72 km/h) and while the lane departure warning function is active. When the lane keeping assist function is active, a slight steering torque will be applied, to help the driver maintain the vehicle inside the lane.

■ Turning the LKA system on

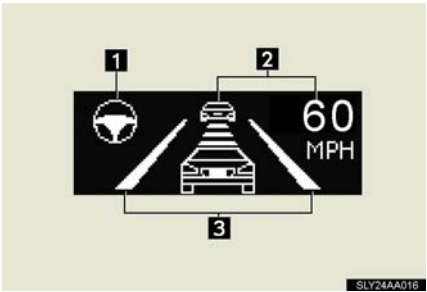
The lane departure warning function and lane keeping assist function will be activated depending on the recognition condition of lane markers, vehicle speed and the setting of radar cruise control (vehicle-to-vehicle distance control mode).

Press the "LKA" switch to activate the system.

"LKA" indicator will come on.

Press the switch again to turn the LKA system off.

Indication on the multi-information display

While the LKA system is on, the lane line display and steering wheel display (in case of lane keeping assist function) are shown on the multi-information display to inform that the LKA system is on.

1 Steering wheel display
The lane keeping assist function is active.

2 Dynamic radar cruise control display

3 Lane line display
When thin lines are shown:
A lane marker is not recognized by the system, or the LKA system functions are temporarily canceled.
When solid lane lines are shown:
The lane departure warning function is active.

Head-up Display (If Equipped)

The head-up display can be used to project vehicle speed and other information onto the windshield.

1 Head-up display
Display brightness will change automatically according to the brightness of the surrounding area.

2 Turn-by-turn NAVI switch
Used to turn the turn-by-turn navigation on or off.

3 HUD (Head-up display) main switch

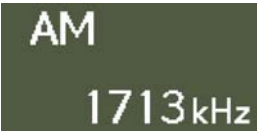
4 HUD (Head-up display) contrast adjustment switch
Used to adjust the display brightness to the desired level.

5 HUD (Head-up display) position adjustment switch

Head-up display contents

In addition to the vehicle speed display (standard display), the following information will be displayed:

Vehicle speed display (standard display)

Displays the vehicle speed.

Audio display

Displays audio information for approximately 3 seconds when the audio system is operated.

Dynamic radar cruise control (if equipped)

Displays the approach warning message.

PCS (Pre-Collision System) (if equipped)

Indicates that there is a possibility of collision.

LKA (Lane-Keeping Assist) (if equipped)

Displays a warning message that alerts the driver of a deviation from the lane through use of the lane departure warning function.

Turn-by-turn navigation

Displays a notification of upcoming intersections during navigation system route guidance.

Touch tracer display

Displays the switch operation status when the steering switch is operated.

The head-up display may seem dark and hard to see when viewed through sunglasses, especially polarized sunglasses. Adjust the brightness of the head-up display or remove your sunglasses.

Intuitive Parking Assist (If Equipped)

The distance to obstacles measured by the sensors is communicated via the display and a buzzer when parallel parking or maneuvering into a garage. Always check the surrounding area when using this system.
For details, refer to the "Navigation System Owner's Manual".

Turning the system on and off

1. Press the menu switch
2. Press the "ENTER" switch upwards or downwards until the intuitive parking assist-sensor mark appears in the multi-information display.

3. Press the "ENTER" switch to select "ON"

   Each pressing of the switch turns the intuitive parking assist-sensor on and off.

Wide View Front Monitor (If Equipped)

The wide view front monitor uses a super-wide angle lens to display on screen the areas to the left and right of the vehicle and the blind spots to the front of the vehicle. This system helps the driver check for approaching cars, bicycles and pedestrians when at intersections with poor visibility.

ON/OFF

To display the front view, press the "VIEW" button with the "POWER" switch in ON mode and vehicle speed at 7 mph (12 km/h) or less.

For details, refer to the "Navigation System Owner's Manual".